



09/998,962

PTO/SB/80 (01-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Joseph Pugh	52,137		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	TriQuint Semiconductor, Inc.		
Address	2300 NE Brookwood Parkway		
City	Hillsboro	State	Oregon
Country	United States		
Telephone	503-615-9616	Email	jpugh@tqs.com
Zip	97124		

Assignee Name and Address:

TriQuint Technology Holding Co
2300 NE Brookwood Parkway
Hillsboro, Oregon 97124

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	2/15/07
Name	Stephanie Welty	Telephone	503-615-9000
Title	Secretary		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: TriQuint Technology Holding Co.Application No./Patent No.: 09/998,962 Filed/Issue Date: October 31, 2001Entitled: EXTERNALLY ALIGNED LASER MODULE

TriQuint Technology Holding Co., a Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
 (The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventors To: Agere Systems Optoelectronics Guardian Corp.
 The document was recorded in the United States Patent and Trademark Office at
 Reel 012345, Frame 0976, or for which a copy thereof is attached.
2. From: Agere Systems Optoelectronics Guardian C To: Agere Systems Guardian Corp.
 The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Agere Systems Guardian Corp. To: Agere Systems Inc.
 The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Joseph Pugh
 Signature

3/14/07
 Date

Joseph Pugh
 Printed or Typed Name

(503) 615-9616
 Telephone Number

 Legal Counsel
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Supplemental Sheet

4. From: Agere Systems Inc. To: TriQuint Technology Holding Co.

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

CERTIFICATE OF MERGER
OF
AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORP.
WITH AND INTO
AGERE SYSTEMS GUARDIAN CORP.
UNDER SECTION 251 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE

Pursuant to Section 251(c) of the General Corporation Law of the State of Delaware, Agere Systems Guardian Corp. hereby certifies the following information relating to the merger of Agere Systems Optoelectronics Guardian Corp. with and into Agere Systems Guardian Corp.:

1. The names and states of incorporation of each constituent corporation in the merger are:

<u>Name</u>	<u>State of Incorporation</u>
Agere Systems Optoelectronics Guardian Corp.	Delaware
Agere Systems Guardian Corp.	Delaware

2. An Agreement and Plan of Merger setting forth the terms and conditions of the merger, has been approved, adopted, certified, executed and acknowledged by each of Agere Systems Optoelectronics Guardian Corp. and Agere Systems Guardian Corp. in accordance with the provisions of Section 251(c) of the General Corporation Law of the State of Delaware.

3. The name of the surviving corporation in the merger is Agere Systems Guardian Corp.

4. The Certificate of Incorporation of Agere Systems Guardian Corp. shall be the Certificate of Incorporation of the surviving corporation.

5. The executed Agreement and Plan of Merger is on file at the principal place of business of Agere Systems Guardian Corp. at Two Oak Way, Berkeley Heights, NJ 07922.

6. A copy of the Agreement and Plan of Merger will be furnished by Agere Systems Guardian Corp. on request and without cost, to any stockholder of Agere Systems Guardian Corp. or Agere Systems Optoelectronics Guardian Corp.

7. The authorized capital stock of Agere Systems Optoelectronics Guardian Corp. is 1,000 shares of common stock, no par value per share.

8. The Merger shall be effective as of 9:00 a.m. Eastern Standard Time on August 31, 2001.

IN WITNESS WHEREOF, this Certificate of Merger has been executed on this 23rd day of August 2001.

AGERE SYSTEMS GUARDIAN CORP.

By Gerard A. deBlasi
Gerard A. deBlasi
Vice President

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORP.", A DELAWARE CORPORATION,

WITH AND INTO "AGERE SYSTEMS GUARDIAN CORP." UNDER THE NAME OF "AGERE SYSTEMS GUARDIAN CORP.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FOURTH DAY OF AUGUST, A.D. 2001, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2001, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

3258123 8100M

AUTHENTICATION: 1311649

010418909

DATE: 08-24-01

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
(a Delaware corporation)

INTO

Agere Systems Inc.
(a Delaware corporation)

**UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE**

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President

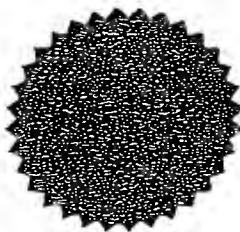
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,
WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

3268412 8100M

020545223

AUTHENTICATION: 1959517

DATE: 08-29-02

APPENDIX G

PATENT APPLICATION ASSIGNMENT

THIS PATENT APPLICATION ASSIGNMENT is made as of January 2, 2003 by AGERE SYSTEMS INC., a Delaware corporation having a principal place of business at 1110 American Parkway, NE, Allentown, Pennsylvania 18109, hereinafter referred to as the ASSIGNOR, and TRIQUINT TECHNOLOGY HOLDING CO., a Delaware corporation with offices at 2300 NE Brookwood Parkway, Hillsboro, OR 97124, hereinafter referred to as the ASSIGNEE.

ASSIGNOR is the owner of certain patent applications identified on Schedule "A" attached hereto (the "ASSIGNED PATENT APPLICATIONS").

ASSIGNEE desires to acquire the entire right, title and interest of ASSIGNOR in and to said ASSIGNED PATENT APPLICATIONS.

For good and valuable consideration paid by the ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to the ASSIGNEE, at ASSIGNEE's sole expense, ASSIGNOR's entire right, title and interest in and to the ASSIGNED PATENT APPLICATIONS, in the U.S. and every foreign country, and all patent rights, including extensions or derivations thereof, both foreign and domestic, that may issue on the ASSIGNED PATENT APPLICATIONS. ASSIGNEE hereby authorizes and requests the Commissioner of Patents that all U.S. patents that issue on the ASSIGNED PATENT APPLICATIONS shall issue to ASSIGNEE. This assignment includes assignment to ASSIGNEE of the right to make application in its own behalf for protection of the ASSIGNED PATENT APPLICATIONS and any patents issued on the ASSIGNED PATENT APPLICATIONS, in the U.S. and countries foreign to the U.S., and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications. The ASSIGNED PATENT APPLICATIONS and all patents that issue on the ASSIGNED PATENT APPLICATIONS shall be held and enjoyed by the ASSIGNEE, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

ASSIGNOR covenants and agrees to execute such further and confirmatory assignments in recordable form as the ASSIGNEE may require to vest record title of said respective ASSIGNED PATENT APPLICATIONS in ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNOR has caused this Assignment to be executed by a duly authorized officer.

AGERE SYSTEMS INC.

By: Gerard A. deBlasi
Name: Gerard A. deBlasi
Title: Vice President

SCHEDULE A OF PATENT APPLICATION ASSIGNMENT

ASSIGNED PATENT APPLICATIONS

<i>Full Case Name</i>	<u>IDS</u>	<i>Country</i>	<i>Patent # / Serial #</i>
DA Ackerman 25-24-29-44	118172	CHINA	00137088.X
DA Ackerman 25-24-29-44	118172	JAPAN	2000-396401
DA Ackerman 25-24-29-44	118172	CANADA	2327981
DA Ackerman 25-24-29-44	118172	FRANCE	311056.6
	118172	GERMAN	311056.6
DA Ackerman 25-24-29-44		Y	
DA Ackerman 25-24-29-44	118172	GR BRIT	311056.6
DA Ackerman 25-24-29-44	118172	USA	09/475606
DA Ackerman 27-15-1-13-11-2	122865	USA	09/668675
DA Ackerman 27-15-1-13-11-2	122865	FRANCE	1307994.2
	122865	GERMAN	1307994.2
DA Ackerman 27-15-1-13-11-2		Y	
DA Ackerman 27-15-1-13-11-2	122865	GR BRIT	1307994.2
DA Ackerman 27-15-1-13-11-2	122865	JAPAN	2001-288062
DA Ackerman 29-14-7-11	123914	USA	10/036437
DA Ackerman 30-29-6-22	123989	USA	10/036397
DA Ackerman 31-2	123884	USA	10/157452
T Ahmed 2-6-4-9-27	124063	USA	
YA Akulova 1-4-2	120821	USA	60/175010
YA Akulova 1-4-2	120821	USA	09/540471
YA Akulova 1-4-2	120821	KOREA	102001-0000910
YA Akulova 1-4-2	120821	JAPAN	2001-1383
YA Akulova 1-4-2	120821	TAIWAN	90100234
YA Akulova 1-4-2	120821	GR BRIT	100172.6
YA Akulova 2-14-11-5-7-8	119681	USA	09/539882
YA Akulova 2-14-11-5-7-8	119681	CANADA	2342518
YA Akulova 2-14-11-5-7-8	119681	GR BRIT	1303131.5
YA Akulova 2-14-11-5-7-8	119681	FRANCE	1303131.5
	119681	GERMAN	1303131.5
YA Akulova 2-14-11-5-7-8		Y	
YA Akulova 2-14-11-5-7-8	119681	CHINA	1117803.5
YA Akulova 2-14-11-5-7-8	119681	JAPAN	2001-101591
YA Akulova 3-12-10	120821	USA	09/645913
YA Akulova 4-74-10-6-12-3	120340	USA	09/923661
YA Akulova 5-8-6-11-15	122845	USA	10/125169
MA Alam 2-3	116221	USA	60/117239
MA Alam 2-3	116221	FRANCE	1030420
	116221	GERMAN	60000178.4
MA Alam 2-3		Y	
MA Alam 2-3	116221	GR BRIT	1030420
MA Alam 2-3	116221	KOREA	2000-0003651
MA Alam 2-3	116221	USA	09/370667
MA Alam 2-3	116221	JAPAN	2000-015646
MA Alam 3-6-4-9-9-10-59	119698	FRANCE	1302875.8
	119698	GERMAN	1302875.8
MA Alam 3-6-4-9-9-10-59		Y	

CD Jones 3-5	123696	USA	09/968124
N Jordache 1-2	124060	USA	10/119257
WB Joyce 22	123166	USA	09/952694
→ WB Joyce 23	123167	USA	09/998962 ←
WB Joyce 25	123779	USA	09/996220
WB Joyce 26	123764	USA	10/047711
FF Judd 13-3	123935	USA	10/120924
AE Kalish 2	123369	USA	09/818314
KK Kamath 10-2-2	124485	USA	60/432310
KK Kamath 6	123055	USA	09/883034
KK Kamath 6	123055	JAPAN	2002-173514
KK Kamath 7	122842	USA	09/874546
KK Kamath 8-1-1	124265	USA	10/183138
M Kamacewicz 3-39-1	123530	USA	10/279408
BL Kasper 8-3-11	124288	USA	10/195662
LJ Ketelsen 13-18-5	124286	JAPAN	
LJ Ketelsen 13-18-5	124286	USA	
N Kha 1-3	123971	USA	10/187824
WH Knox 42-1-1	118106	JAPAN	2002-046368
WH Knox 42-1-1	118106	USA	09/515812
WH Knox 42-1-1	118106	FRANCE	1301607.6
	118106	GERMAN Y	1301607.6
WH Knox 42-1-1			
WH Knox 42-1-1	118106	GR BRIT	1301607.6
WH Knox 42-1-1	118106	CHINA	01108314.X
K Kojima 9-4	124416	USA	10/214532
BA Kurchuk 3	122498	USA	09/771279
BA Kurchuk 3	122498	FRANCE	
	122498	GERMAN Y	
BA Kurchuk 3			
BA Kurchuk 3	122498	GR BRIT	
BA Kurchuk 3	122498	JAPAN	
CW Lentz 12-2-16-6-79	123766	USA	10/120923
G Li 1-8	124130	USA	10/244186
JA Liddle 16-10-3	124155	USA	10/211310
JH Lim 1	122847	USA	09/871912
JG Liu 4	121508	USA	09/741417
XS Luo 1	122857	USA	09/904091
XS Luo 2	122857	USA	10/162480
R Madabhushi 1-1	123936	USA	10/101767
R Madabhushi 1-1	123936	JAPAN	
D Mahgerefteh 1-2	123145	USA	10/060004
H Man 2-4-5-1-5-4-5	121912	USA	09/794936
D Marcuse 30-78	113980	JAPAN	228977/1999
D Marcuse 30-78	113980	USA	09/134121
D Marcuse 30-78	113980	FRANCE	99306129
	113980	GERMAN Y	99306129
D Marcuse 30-78			
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PJ Masalkar 1	124402	JAPAN	
PJ Masalkar 1	124402	USA	

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